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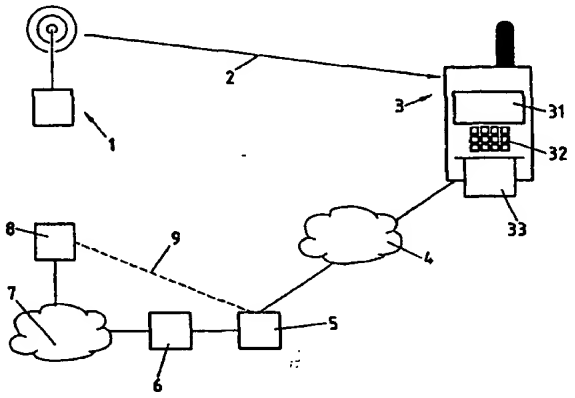
(54) Title: MOBILE APPARATUS AND METHOD FOR RECEIVING AND FILTERING FROM PROGRAM–ACCOMPANYING DATA ON THE BASIS OF A DEFINED POSITION

(54) Bezeichnung: MOBILGERÄT UND VERFAHREN ZUM EMPFANGEN UND FILTERN AUS DEN PROGRAMMBEGLEITENDEN DATEN AUFGRUND DER BESTIMMTEN POSITION

(57) Abstract

The invention relates to a mobile apparatus (3) and to a method for receiving and processing program–accompanying digital data emitted by a radio transmitter (1), for example a DAB transmitter, at least some of which data comprise position parameters. The mobile apparatus (3) comprises a radio receiver (38) able to receive radio programmes and accompanying digital data, as well as a position detection module (39), such as a GPS receiver, for determining the current position. The mobile apparatus (3) further comprises a filter module (37) by means of which on the basis of the current position determined by the above position detection module (39) location–specific information can be filtered out of the received program–accompanying data. Said information contains, for example, order numbers, URL addresses or executable program files. The received program–accompanying data can also be filtered by the above filter module (37) on the basis of a user profile (35) stored in the mobile apparatus (3). Position–specific data can be indicated on a display (31) of the mobile apparatus (3), selected and edited by the user by means of control elements (32) of the mobile apparatus (3) and further processed by the mobile apparatus (3).



Abstract

Mobile device (3) and method for receiving and processing program-accompanying digital data, which are transmitted by a radio transmitter (1), for example a DAB transmitter, and of which at least certain comprise location parameters. The mobile device (3) includes a radio receiver (38), which can receive radio programs with program-accompanying digital data, and a position locating module (39) for establishing the current position, for example a GPS receiver. The mobile device (3) further comprises a filter module (37), by means of which, on the basis of the current position, determined by the said position locating module (39), location-specific information can be filtered from the received program-accompanying data, which contain, for example, order numbers, URL addresses or executable program data files. The received program-accompanying data can be filtered moreover by the said filter module (37) on the basis of a user profile (35) stored in the mobile device (3). Location-specific data can be shown on a display (31) of the mobile device (3), can be selected by the user by means of operating elements (32) of the mobile device (3), can be edited and can be further processed through the mobile device (3).

(Figure 1)